



**DEPARTMENT OF THE NAVY**

**USS EMORY S. LAND (AS-39)**

**FPO AE 09545-2610**

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From: Commanding Officer, USS EMORY S. LAND (AS 39)  
To: Director of Naval History (OP-0BH), Washington Navy Yard,  
Washington, DC 20374

Subj: USS EMORY S. LAND (AS 39) COMMAND HISTORY FOR CALENDAR  
YEAR 2004

Ref: (a) OPNAVINST 5750.12H

Encl: (1) Command History  
(2) Biography and photo of Capt D. M. Volonino, USN  
Commanding Officer to 28 July 2004  
(3) Biography and photo of Capt M. D. Budney, USN  
Commanding Officer from 28 July 2004

1. Enclosures (1) through (3) are provided per reference (a).

M. D. BUDNEY

**USS EMORY S. LAND (AS 39)**  
**2004 Command History**

1. Command Composition and Organization

- a. Command short title: USS EMORY S. LAND (AS 39)
- b. Unit Identification Codes (UIC): 20635, 45254 and 33014
- c. Mission: Forward deployed submarine tender homeported in La Maddalena, Italy. Provides logistical support and repair to Sixth Fleet and Fifth Fleet surface ships and submarines in the Atlantic, Mediterranean, Adriatic, Red Sea, and Arabian Gulf. Awarded: Battle Efficiency "E."
- d. Immediate Superior in Charge (ISIC): Commander, Submarine Squadron 22
- e. Commanding Officer:  
  
Captain David M. Volonino, USN 1 Jan - 28 Jul 04  
Captain Michael D. Budney, USN 28 Jul - 31 Dec 04
- f. Permanent duty station: La Maddalena, Sardinia, Italy

2. Chronology

January

01-16	In port La Maddalena, Italy
16-21	Underway
21-29	In port La Maddalena, Italy
29-31	Underway

February

01-02	Underway
02-06	Inport Cartagena, Spain
06-10	Underway
10-16	Inport La Maddalena, Italy
16-18	Underway
18-28	Inport Gaeta, Italy

March

03-06	Underway
06-18	In port La Maddalena, Italy

18-23	Underway
23-28	Inport Souda Bay, Crete
23-28	FMA on USS Cole (DDG 67), Souda Bay, Crete
28-31	Underway

April

01-05	Underway
05-30	In port La Maddalena, Italy

May

01-31	In port La Maddalena, Italy
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June

01-28	In port La Maddalena, Italy
28-30	Underway

July

01-03	Underway
03-17	Majestic Eagle
03-08	Inport Rota, Spain
08-16	Underway
16-17	Inport Rota, Spain
17-21	Underway

August

01-19	In port La Maddalena, Italy
19-23	Underway
23-31	In port La Maddalena, Italy

September

01-39	In port La Maddalena, Italy
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October

01-31	In port La Maddalena, Italy
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November

01-30	In port La Maddalena, Italy
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December

01-20	In port La Maddalena, Italy
20-21	Underway
21-31	In port La Maddalena, Italy

3. Narrative. USS EMORY S. LAND (AS 39) excelled as a world-class maintenance provider. LAND is forward deployed providing mobile maintenance to U.S. and NATO naval forces in the Mediterranean Sea. A large afloat maintenance activity, LAND performs a wide variety of repairs. In addition to ship repair, the LAND provided a wide variety of support services to deployed ships and submarines. These services included: Tomahawk and MK-48 torpedo reload capability, consumable and non-consumable logistic support, medical, dental, disbursing, postal, CMS and communications support, legal and administrative services, ministry outreach, and safety/industrial hygiene surveys, analyses, and training. LAND directly and conspicuously supported national interests and on-going vital military operations by sustaining the material readiness of deployed FIFTH and SIXTH Fleet Navy combatants. All repair availabilities were safely conducted enhancing mission effectiveness of tended units and the EMORY S. LAND.

During 2004, USS EMORY S. LAND (AS 39) demonstrated unparalleled success in submarine and surface ship repair; full-time mobile intermediate maintenance capability for Mediterranean deployed U.S. and NATO Naval forces. USS EMORY S. LAND (AS 39) provided aggressive, timely response enabling warships to meet mission requirements.

This Fleet Maintenance Activity has met the challenge of a diminishing naval presence in the FIFTH and SIXTH FLEET Area of Responsibility (AOR) by delivering maintenance in customer needed locations through increased Fly-Away Teams. Forty-two Flyaway teams repaired five submarines and 12 surface ships, correcting 16 CASREPs. In all, 17,700 man-hours were expended. Additionally, nine submarine and three surface ship availabilities were executed, completing 980 jobs and 23,958 man-hours expended. Including all customers, the FMA expended 77,139 man-hours accomplishing 98 percent of all work accepted.

LAND completed an Engineering Training Cycle with an Underway Demonstration. Engineering programs were evaluated as Above Average or better, with an overall grade of Above Average.

The material condition of the ship and propulsion spaces has been significantly improved. A three month Restricted Availability and a three month Planned Maintenance Availability were completed on schedule. Specific Accomplishments included:

- Inspection of all hotel steam piping.
- Eighteen month and 5 year Boiler Inspections on #1 and #2 Boilers respectively.
- Installation of a WSN-7B navigation system, a feed water demineralizer, and a lube oil simplex strainer.

LAND participated in Operation Majestic Eagle/Med Shark. This first ever NATO joint operation exercise was highly successful and demonstrated USS EMORY S. LAND's ability to operate in complex operational environment.

ESL's Postal Operation received an overall grade of "OUTSTANDING" on the annual postal assessment conducted by Commander Navy Region Europe (CNRE) Postal advisors.

The command completed numerous self help projects including installation of a new ship's fitness center, video game room, PACE class room, and movie theatre. Additionally, the ship completed a 1.2 million dollar upgrade to the ship's dining facility.

Weapons Department safely transferred 14 MK 48/ADCAP Torpedoes, 17 Tomahawk Cruise Missiles, 200 pyrotechnics and 258,000 rounds of small arms ammunition.

a. Specific accomplishment of unit mission requirements:

(1) Weapons System and Weapons Equipment Operational Readiness Status:

(a) EMORY S. LAND excelled in all facets of weapons and ordnance handling during calendar year 2004, established as the premiere Weapons Department in the Mediterranean theater through demonstrated ability and flexibility. EMORY S. LAND is the only Tomahawk Cruise Missile stowage, issue and receipt, and maintenance facility for submarines and surface ships in the Mediterranean. Capable of providing weapons handling and logistical support throughout theater. Additionally, in light of security threats throughout the region, EMORY S. LAND took the lead in providing vigilant force protection measures for the

ship, tended ships and submarines in the ship's homeport area. Specific accomplishments include:

1. Conducted 30 days of weapons and support equipment handling evolutions while forward deployed including:

ORDNANCE TYPE	QUANTITY
MK 48/ADCAP Torpedoes	14
Tomahawk Cruise Missiles	17
Small Arms Ammunition	258,000
Pyrotechnics	200

2. Weapons department was re-certified to handle CLS, VLS and TTL TOMAHAWK missiles after a very successful NUWCDIVNPT Log evaluation and inspection.

3. Provided Guidance Test Set (GTS) support to an SSN team to troubleshoot problems affecting the SSN's ability to interface with Tomahawk Cruise Missiles. This significantly improved the Tomahawk strike readiness of deployed attack submarines in the Mediterranean.

4. Safely conducted 300 weight test procedures including both motor whaleboat davits, Port and Starboard 5-ton traveling cranes, Centerline Boat Crane, weapons handling gear for tended submarines and six ship's elevators.

5. Overhauled both Cargo Sail and Service 5-ton traveling cranes. These manually intensive jobs were conducted for the first time in 15 years. All three cranes were refurbished safely and ahead of schedule. All three cranes were weight tested and certified for "Critical" lifts. Conducted over 2,000 normal and critical crane lifts including ordnance, radiological components and high value items in support of tended submarines and surface ships in the European theater.

6. Supported training and qualification for over 2,000 ship's force and tended ship personnel. Efforts included small arms operations, safety briefs, and deadly force training including the increased Force Protection condition measures required for Sixth Fleet Area of Operation.

7. Successfully completed an extensive ten year over-haul of all Magazine Sprinkler Systems, including the replacement of seven magazine sprinkler valves. Ship's

sprinkler systems were re-certified and noted as in excellent material condition by FTSC/LANT DET NAPLES, IT.

b. Fleet Support and Repair:

(1) EMORY S. LAND Repair Department met the challenge of a declining naval presence in the SIXTH FLEET AOR by taking maintenance to where our customers are through increased Fly-Away Teams. Specific accomplishments include:

(a) Accomplished nine alongside availabilities on six submarines completing 317 jobs expending 13592 man-hours. Ninety-seven percent of accepted work was completed with 14 percent having been identified after ship arrival.

(b) Completed three alongside surface ship availabilities. 663 jobs completed expending 10,366 man-hours representing 43 percent of tended unit production in 2004. Ninety-three percent of work accepted was completed by end of availability, with 35 percent having been identified after arrival.

(c) Forty-two Flyaway teams repaired five submarines and 12 surface ships, correcting 16 CASREPS. In all, 17,700 man-hours were expended.

(d) FMA expended 77,139 man-hours accomplishing 98 percent of all work accepted.

4. Significant Repair Department accomplishments include:

a. DALLAS SSMG POLE REPAIR: The FMA provided support to Portsmouth Naval Shipyard in repairs to a damaged DC Rotor Pole piece. FMA was instrumental in providing alternative equipment and solutions to enable repairs.

b. SPRINGFIELD DC Propulsion Lube Oil Motor Repair: FMA performed a first ever resurfacing of a DC motor commutator in place saving 2 days of motor removal/installation.

c. DALLAS VH-2 Repair: FMA successfully repaired a binding snorkel suction hull valve. A shipyard normally conducts a repair of this scope.

5. Support of EMORY S. LAND's Restricted Availability (RAV) expending 23,163 man-hours and a Planned Maintenance

Availability expending 30,000 man-hours. Specific accomplishments include:

a. REDUCED TA2 MAINTENANCE BACKLOG: During the RAV/PMA Repair department completed 883 jobs. TA2 backlog was reduced by 50%.

b. CREWS HEAD and BERTHING OVERHAUL: Overhauled 12 berthing compartments including 29 head and shower areas. Repainted all surfaces, installed new decks in all spaces. Various mechanical and electrical repairs to all individual berths. Significant Quality of Life improvement.

d. DIVE BOAT OVERHAUL: Conducted four-month overhaul of a 26 year old FMA dive boat, 14,400 man-hours expended. Seven holes patched, complete hull preservation, installation of 200 feet of new chine rubber, new deck plates and re-certification from 130 foot depth to 190 foot depth. Five years of service life were added to this vessel.

e. IMPROVED CREW QUALITY OF LIFE: Repair Department supported various command Quality-of-Life upgrades, including: installation of a state of the art exercise facility, movie theater, video lounge, and a PACE and Indoctrination classroom.

6. EMORY S. LAND Repair Department continues to define "Uncompromising service to the Fleet." Routinely working around the clock, Repair Department ensured all Casualty Report (CASREP) repairs and underway-limiting maintenance were completed, fully tested, and systems brought back to service without the need to perform rework. Without exception, ships departed fully restored and mission capable.

a. Mobility and Operations:

(1) The navigation skills and professional seamanship exhibited by USS EMORY S. LAND demonstrated sustained excellence during 2004. In 2004 the ship demonstrated the ability to get underway, anytime, without notice, to anywhere in theater, and operate as part of a Multi-National Task Force or Battle Group. Specific accomplishments include:

b. Safely navigated 6,600 miles, covering 40% of the Mediterranean Sea, meeting all assigned group and Fleet commander assignments.



c. Conducted 32 navigation details, including four foreign ports, with an incident rate of zero.

d. Participated in Operation MAJESTIC EAGLE/MED SHARK. This first ever NATO joint operation exercise was highly successful and demonstrated EMORY S. LAND's ability to operate in a complex operational environment.

e. Conducted numerous, complex, close-aboard ship handling evolutions. EMORY S. LAND was able to safely maneuver at ranges of 300 yards with ships in company for a prolonged period of time in inclement weather for various exercise scenarios and a photo shoot with foreign vessels.

f. Developed an outstanding and effective hands-on, in port training program.

7. The operational performance of EMORY S. LAND's Communications Division has been exceptional throughout the year. Communications and material readiness improvement goals have been surpassed. Specific accomplishments include:

a. Participated in the Joint Military Exercise, Majestic Eagle 04. LAND's Communication Division provided direct support to the embarked staff, Special Operations Forces (SOF), and on board tactical watch standers. Supported three satellites and Ultra High Frequency (UHF) Line of Sight (LOS) secure voice circuits for the embarked SOF team. Supported the Officer in Tactical Control (OTC) during a night SOF exercise event, ensuring exercise objectives were met and safety of personnel issues resolved.

b. Commended by the US Navy Program Office (PMO) for Messaging (PMW 166) for assisting in the certification of the Tactical Messaging Gateway (TMG) Attachment Manager (AM). The Program Manager considered these efforts to be invaluable to this program and future war fighters.

c. Performed continuous off-air monitoring (OTAM) in support of COMSUBGRU EIGHT and COMSUBLANT communication maintenance requirements. ESL provided valuable and timely feedback that significantly improved message delivery to deployed submarines in the Atlantic Fleet and Mediterranean Theater.

d. Installed a Secure/Non-Secure Video Teleconference (VTC) system. Newly installed system is hardwired through the radio

room and provides a more robust VTC program compatible with all existing commercial and military video teleconferencing systems. This system has improved support provided to the embarked submarine squadron staff and other dignitaries.

e. Continued expansion of SIPRNET CHAT and SIPRNET Video Conferencing communications with Tactical/Communication Watch Officers of Task Force and other Staff units around the world. System use during Majestic Eagle 04 was extensive. System allowed the embarked staff to communicate with deployed submarines throughout the theater, vastly improving maintenance and medical support for the deployed units. Use by embarked Special Operations Forces was critical in meeting all training/exercise objectives during Majestic Eagle 04.

f. Recognized as exceptional performers in three Joint Staff sponsored strategic/theater nuclear command and control (NC2) connectivity exercises. These exercises are designed to determine national ability to implement NC2 during strained communications environments. ESL support was superior. Commended by the independent assessor, John Hopkins University, for quality communication practices and continued improvements.

g. Served as the Defense Courier Management System control station for Sixth Fleet submarine and surface assets. Coordinated the delivery and pickup of 216 pieces of cryptographic material for units under CTF 69 and CTF 63 operational control and throughout the Mediterranean theater.

h. Processed over 160,000 incoming messages for the year while transmitting over 10,000 outgoing messages in support of SIXTH Fleet assets, ESL, and CSS-22.

i. Completed a significant network overhaul. The overhaul consisted of a router upgrade, installation of four new switches (100Mb vice 10Mb), install of 24,000 ft. of Ethernet cable, two new tape backup systems and the NIPRNET and SIPRNET domain upgrades from Windows NT to Windows 2000.

8. The accomplishments made in 2004 are noteworthy and clearly demonstrate EMORY S. LAND's ability to execute any mission, anywhere.

a. Logistical Support:

(1) Conducted multiple evolutions supporting maintenance efforts for forward deployed forces operating in the Fifth and

Sixth Fleet. Supply Department earned its fourth consecutive Blue 'E'. Organized the receipt of 6,500 pallets of stock and Direct Turn Over material, with zero safety incidents. Completed the transfer of spare part and consumable issues to tended units valued at 6.3 million dollars. Received, processed, and stored material valued at 15.1 million dollars, while flawlessly completing 590 precision Government Purchase Card procurements valued at 557,000 dollars. Expertly carried out 352 contract actions, including delivery orders and continuing services valued at 5.72 million dollars. With continuous support of multiple classes of ships, the net effectiveness of the ship reached 92 percent, surpassing the set TYCOM goal of 90 percent. Material Outstanding Validity (MOV) of the ship's stock and direct turnover requisitions reached a high of 99.2 percent, far exceeding the TYCOM goal of 98 percent.

(2) Flawlessly managed a 14.8 million dollar, multi-funding lines. These funds were obligated to 100 percent on a quarterly basis, thus ensuring maximum use of scarce resources. During stringent economic times, actively recouped over 1.3 million dollars in funds, while expeditiously processing Aged Unfilled Order Listings (AUOLs) and Summary of Financial Difference Obligation and Expenditure Listings (SFDOELs). Planned and improved the comprehensive list of unfunded priorities during FY 2004, which allowed the ship to procure vital equipment and consumables to support operations with end of year funds.

(3) The Food Service Division provided over 1.1 million, high quality meals in the operation of the General, Chief's, Wardroom, and CO's Mess. Food Service distinguished itself by hosting a Five Star Pre-Change of Command Dinner and catering the Change of Command lunch meal for the entire EMORY S. LAND crew. Additionally, they hosted meals for Italian military and civilian dignitaries, along with meals for COMSIXTHFLT, COMSUBGRU 8 with superb flair.

(4) S-3 Division has had a dramatic positive impact on the Quality of Life for EMORY S. LAND and tended ships. The ship's store generated 180,000 dollars in profits on sales of over 1.2 million dollars. These profits funded a robust Morale, Welfare and Recreation (MWR) program. Quarterly stock-turn levels were met for every reporting period, while increasing the number of vending machines onboard from 12 to 18 and providing superior service to the crew. Processed over 40,000 pounds of laundry, and gave over 7,500 haircuts. Ship's Store, Land of

Snacks, laundry, and barber services were offered as services to tended units with service hours provided as needed.

(5) Provided disbursing, travel, check cashing, and all Euro exchange services for a crew of 1,250 Sailors and tended units. The disbursing office processed 2,280 travel claims, exchanged 2.1 million dollars in foreign currency, and made 2.2 million dollars in disbursements while managing a 20 million dollar payroll. Disbursing received a grade of SATISFACTORY in all areas of a Fleet Forces Command surprise audit.

(6) The Post Office flawlessly processed over 250,000 pounds of incoming and outgoing mail. Stamps and postage meter sales exceeded 20,000 dollars and money order sales were over 200,000 dollars. Postal received an overall grade of OUTSTANDING on the annual postal assessment conducted by Commander Navy Region Europe (CNRE) Postal advisors. All records and procedures were reviewed with the operation attaining an overall score of 280 points on a scale of 283 possible points.

(7) The Logistic Support Center is the heart of the Supply operation for the ship and tended units. Supply planned, designed, and remodeled the Logistic Support Center making it a one-stop shopping place for the command. The services provided are Stores, Customer Service, Open Purchases, Stock Control, HAZMAT and LANDMART. With the movement of LANDMART to the Logistic Supply Center, it has allowed shoppers the ability to pick-up multiple items with a single request form.

(8) Major shipboard Quality of Life and material upgrades were also completed.

(a) Closely coordinated over 800,000 dollars in deck refurbishment contracts to replace over 100,000 square feet of deteriorated, rusted, and unsightly decks. Executed a difficult off-ship messing arrangement for four weeks during remodeling of the mess decks, transforming the General Mess to "Diner 39". Utilizing innovative and unique knowledge of financial management and budgeting, allowed for over 6 million dollars worth of dining facility upgrades. These improvements were done outside of a shipyard environment and required close coordination and planning across many departments to ensure no interruption of services or performance. In partnership with Defense Supply Center Philadelphia, through the Prime Vendor Program, this effort saved the Navy immeasurable funding in performing these self-help projects. This not only improved the

appearance of all dining facilities, but significantly increased crew morale.

(b) Procured all equipment for major ship's force projects, including a new gym, movie theater, crew's lounge, indoctrination classroom, Program for Afloat College Education (PACE) classroom and conference room.

(c) During a 4 month Phased Maintenance Assessment, Food Services Division relocated its entire operation to a barge in order to remodel all the galley and berthing areas.

(d) Contracted ventilation cleaning services valued at 800,000 dollars. This cleaning has improved the cooling of spaces and work environment, while minimizing molds and bacteria that were harboring inside the ventilation system. This effort helped to minimize the impact of ventilation fires by removing the volatile debris that could make a fire worse than it would be.

b. Medical and Dental Services:

(1) Understanding the importance of mission readiness and knowing the difficulties and the costs of medical evacuations, EMORY S. LAND Medical Department facilitated more than 2,000 medical exams and procedures for all visiting submarines and surface ships. These efforts, without question, prevented potential MEDEVACs and kept the fleet 100 percent operationally ready during increased operational tempo.

(2) EMORY S. LAND brought specialized medicine to the deck plates, including orthopedics, optometry, psychiatry and dermatology. More than three hundred crewmembers were examined on board the ship vice being evacuated to Naples, Italy, Landstuhl, Germany or Rota, Spain. This reduced time lost from work by more than 4,500 man-hours, and saved the command more than 160 thousand dollars in travel and accommodations costs.

(3) During calendar year 2004, the Dental Department aboard USS EMORY S. LAND (AS 39) successfully maintained operational dental readiness above 97% and improved the Dental Health Index to 40% (an increase of 3%) for the ship's crew, Submarine Squadron 22 and NSA LaMaddalena Port Services personnel. Concurrently, the department provided dental support to submarines assigned to Submarine Squadron 22 and surface ships deployed to the Sixth Fleet area of operation. Comprehensive dental care delivered included diagnostic annual

exams, restorative dentistry including crown and bridge deliveries, oral surgery, periodontal and endodontic therapy, preventive dentistry, emergency care and supportive prosthodontic lab services. The Dental Department provided a total of 10,064 dental procedures, as recognized by the American Dental Association, during 2,957 patient visits from ship's force and tended units, equating to \$491,407 in dental services. Of these totals, 264 patients (1,016 dental procedures) were from 12 tended submarines and surface ships, thereby supporting and maintaining the high Operational Dental Readiness for Squadron 22 submarines and surface ships deployed to the Sixth Fleet area of responsibility. The Dental Department was awarded the SSN Tender Battle Efficiency Dental Yellow "D" Award for calendar year 2004.

(4) The Medical Department distinguished itself by receiving a C-1 status on its December 2004 Medical Readiness Assessment. This inspection tested the department's capability to respond to any type of medical emergency. The inspection covered all aspects of operational medicine including Emergency Medical Preparedness and Environmental Health Services.

(5) The Medical Department also won the SSN Tender Battle Efficiency Medical Yellow "M" for calendar year 2004.

(6) A Digital X-ray machine was installed in 2004. Additionally, a new state of the art audiology booth was installed in September 2004 on which was performed 580 hearing exams.